SCIENCE INFORMATION EXCHANGE
SMITHSONIAN INSTITUTION
1730 M STREET, N.W. PHONE 202-381-5511
WASHINGTON, D.C. 20036

ZOH-3446

NOTICE OF RESEARCH PROJECT

SUPPORTING AGENCY:
INTERIOR DEPARTMENT
BUREAU OF SPORT FISH. & WLF.
FISHERY RESEARCH DIVISION

AGENCY'S NUMBER(S):
FR 2210-10

TITLE OF PROJECT:
CHRONIC TOXICITY OF PESTICIDES TO FISH

PRINCIPAL INVESTIGATOR, ASSOCIATES AND DEPARTMENT/SPECIALTY:
FL MAYER FISH PESTICIDE RES LAB
PM MEHRLE

RECIPIENT INSTITUTION:
U.S. DEPT. OF INTERIOR
BUR. OF SPORT FISH. & WILDLIFE
ROUTE #1
COLUMBIA, MISSOURI 65201

PERIOD FOR THIS NRP:
7/70 TO 6/71
FY71 FUNDS $8,219

SUMMARY OF PROJECT:

The effect of Aroclors 1242 and 1254 on residual storage of DDT and dieldrin in bluegill, channel catfish, and rainbow trout will be determined. Fish will be treated via food or bath for four weeks. Liver detoxifying enzyme activities will be determined at selected intervals. Fish will be killed and analyzed for organochlorine residues at 0, 1, 3, 7, 14, and 28-day intervals.

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